## Technical Information

## WAVEFORM DIAGRAMS



Figure 1: Single channel only


Figure 5: Quadrature $A$ and $B$ with inverted $180^{\circ}$ Index gated to $A$


Figure 2: Quadrature $A$ and $B$


Figure 6: Quadrature A and B with inverted $90^{\circ}$ Index gated to $A$ and $B$


Figure 10: Quadrature $A$ and $B$ with ungated inverted Index centered on A between $360^{\circ}$ and $180^{\circ}$

R4


Figure 14: Quadrature $A$ and $B$ with ungated Index centered on A low between $360^{\circ}$ and $180^{\circ}$


Figure 13: Quadrature $A$ and $B$ with $90^{\circ}$ Index gated to A low and B low


Figure 9: Quadrature $A$ and $B$ with inverted $180^{\circ}$ Index gated to $B$

Figure 3: Quadrature A and B with $180^{\circ}$ Index gated to A


Figure 7: Quadrature A and B with $180^{\circ}$ Index gated to $B$


Figure 11: Quadrature $A$ and $B$ with ungated Index centered on A low between $360^{\circ}$ and $180^{\circ}$


Figure 15: Quadrature $A$ and $B$ with inverted $180^{\circ}$ Index gated to A low



Figure 4: Quadrature $A$ and $B$ with $90^{\circ}$ Index gated to $A$ and $B$

## R4



Figure 8: Quadrature $A$ and $B$ with ungated Index centered on A between $360^{\circ}$ and $180^{\circ}$


Figure 12: Quadrature A and B with $180^{\circ}$ Index gated to B low


Figure 16: Quadrature $A$ and $B$ with inverted $180^{\circ}$ Index gated to B low

## Technical Information

## WAVEFORM DIAGRAMS



Figure 17: Quadrature $A$ and $B$ with inverted $90^{\circ}$ Index gated to $A$ low and $B$ low


Figure 21: Reverse Quadrature $A$ and $B$ with $90^{\circ}$ Index gated to A low and B low


Figure 25: Reverse Quadrature $A$ and $B$ with ungated Index centered on $B$ low between $360^{\circ}$ and $180^{\circ}$

Figure 18: Quadrature $A$ and $B$ with ungated inverted Index centered on A low between $360^{\circ}$ and $180^{\circ}$


Figure 22: Reverse Quadrature A and B with inverted $180^{\circ}$ Index gated to B low


Figure 26: Reverse Quadrature $A$ and $B$ with inverted $180^{\circ}$ Index gated to A low


Figure 19: Reverse Quadrature $A$ and $B$

## D7



Figure 23: Reverse Quadrature A and B with inverted $90^{\circ}$ Index gated to A low and B low


Figure 27: Reverse Quadrature $A$ and $B$ with ungated and inverted Index centered on B low between $360^{\circ}$ and $180^{\circ}$


Figure 20: Reverse Quadrature $A$ and $B$ with $180^{\circ}$ Index gated to B low


Figure 24: Reverse Quadrature $A$ and $B$ with $180^{\circ}$ Index gated to A low


Figure 28: Reverse Quadrature $A$ and $B$ with ungated Index centered on B low between $360^{\circ}$ and $180^{\circ}$

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